

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services  
Division of Environmental Health, 11 SHS  
(207) 287-5672 FAX (207) 287-4172

<b>PROPERTY LOCATION</b>		<b>&gt;&gt; CAUTION: LPI APPROVAL REQUIRED &lt;&lt;</b>	
City, Town, or Plantation	LAMOINE	Town/City	LAMOINE Permit # 1835
Street or Road	RILEY'S WAY	Date Permit Issued	6, 5, 17 Fee \$ 250 <del>XX</del> Double Fee Charged ( )
Subdivision, Lot #		Local Plumbing Inspector Signature	<i>[Signature]</i> L.P.I. # 1040
<b>OWNER/APPLICANT INFORMATION</b>		DEP FEE \$15.00 <input type="checkbox"/> Owner <input type="checkbox"/> Town <input type="checkbox"/> State	
Name (last, first, MI)	WORKMAN, STEWART	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Mailing Address of	358 DOUGLAS HIGHWAY		
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	LAMOINE, ME. 04605		
Daytime Tel. #		Municipal Tax Map #	9 Lot # 14-3A
<b>OWNER OR APPLICANT STATEMENT</b>		<b>CAUTION: INSPECTION REQUIRED</b>	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant <i>[Signature]</i> Date 6/1/17		Local Plumbing Inspector Signature _____ (1st Date Approved) _____ (2nd Date Approved)	

## PERMIT INFORMATION

<b>TYPE OF APPLICATION</b> <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<b>THIS APPLICATION REQUIRES</b> <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<b>DISPOSAL SYSTEM COMPONENT(S)</b> <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
<b>SIZE OF PROPERTY</b> _____ sq. ft. 4 ± acres	<b>DISPOSAL SYSTEM TO SERVE</b> <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 3 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	<b>TYPE OF WATER SUPPLY</b> To Be <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
<b>SHORELAND ZONING</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<b>TREATMENT TANK</b> <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY 1000 gallons	<b>DISPOSAL FIELD TYPE &amp; SIZE</b> <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device 15 END FEED CONCRETE CHAMBERS <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE _____ sq. ft. <input type="checkbox"/> lin. ft.	<b>GARBAGE DISPOSAL UNIT</b> <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	<b>DESIGN FLOW</b> 270 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
<b>SOIL DATA &amp; DESIGN CLASS</b> PROFILE 31 D CONDITION at Observation Hole # 1 Depth 12" OF MOST LIMITING SOIL FACTOR	<b>DISPOSAL FIELD SIZING</b> <input type="checkbox"/> 1. Medium -- 2.6 sq. ft./gpd <input type="checkbox"/> 2. Medium-Large -- 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large -- 4.1 sq. ft./gpd <input checked="" type="checkbox"/> 4. Extra Large -- 5.0 sq. ft./gpd	<b>EFFLUENT/EJECTOR PUMP</b> <input checked="" type="checkbox"/> 1. Not Required SET HOUSE ACCORDINGLY <input type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA <b>LATITUDE AND LONGITUDE</b> at Center of Disposal Area Lat. 44° 30' m 47.9" S N Lon. 68° 21' m 42.6" W if g.p.s., state margin of error 30' E

## SITE EVALUATOR STATEMENT

I certify that on 4-24-17 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature <i>[Signature]</i> WILLIAM A. LABELLE, JR.	319 SE# (207) 537-5900	4-28-17 Date labelleptic@rivah.net
Site Evaluator Name Printed	Telephone Number	E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Town, City, Plantation  
**LAMOINE**

Street, Road, Subdivision  
**RILEYS WAY**

Owner or Applicant Name  
**STEWART WORKMAN**

SITE PLAN

Scale 1" = 40 Ft.

(SEE ATTACHED SITE PLAN)

SITE LOCATION PLAN  
(Attach map from Maine Atlas  
for First Time System Variance)

*Douglas Highway*

*McQuinn Road*  
*Riley's Way*  
*C\* SITE*

## SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring  
2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE SANDY CLAY LOAM TO CLAY	FRIABLE COMPACTED	DARK YELLOWISH BROWN (10YR 4/4) LIGHT OLIVE BROWN (2.5Y 5/4)	N.E. COMMON DISTINCT TO MANY PROMINENT
10			
20			
30			
40			
50			

Soil Profile 9 Classification D Slope 0 % Limiting Factor 12 " Depth

☒ Ground Water  
☐ Restrictive Layer  
☐ Bedrock  
☐ Pit Depth

Observation Hole #2 ☒ Test Pit ☐ Boring  
2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
CLAY LOAM TO LOAM	FRIABLE COMPACTED	DARK YELLOWISH BROWN (10YR 4/4) LIGHT OLIVE BROWN (2.5Y 5/4)	N.E. MANY PROMINENT
10			
20			
30			
40			
50			

Soil Profile 9 Classification D Slope 0 % Limiting Factor 12 " Depth

☒ Ground Water  
☐ Restrictive Layer  
☐ Bedrock  
☐ Pit Depth

(STANDING WATER @ 10")

Site Evaluator's Signature

319  
S. E. #

4-28-17  
Date

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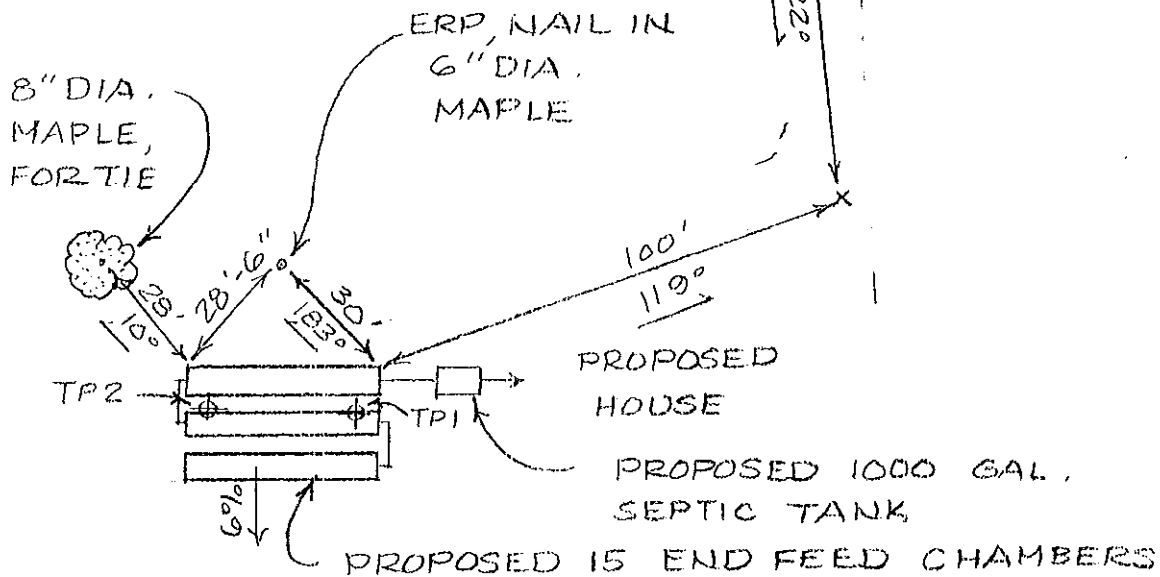
Town, City, Plantation LAMOINE	Street, Road, Subdivision RILEYS WAY	Owner or Applicant Name STEWART WORKMAN
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**SITE PLAN:**

SCALE: 1" = 40 FT.

UTILITY  
POLE  
#2

MAGNETIC  
NORTH



*W. G. L.*

Site Evaluator's Signature

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LAMOINE

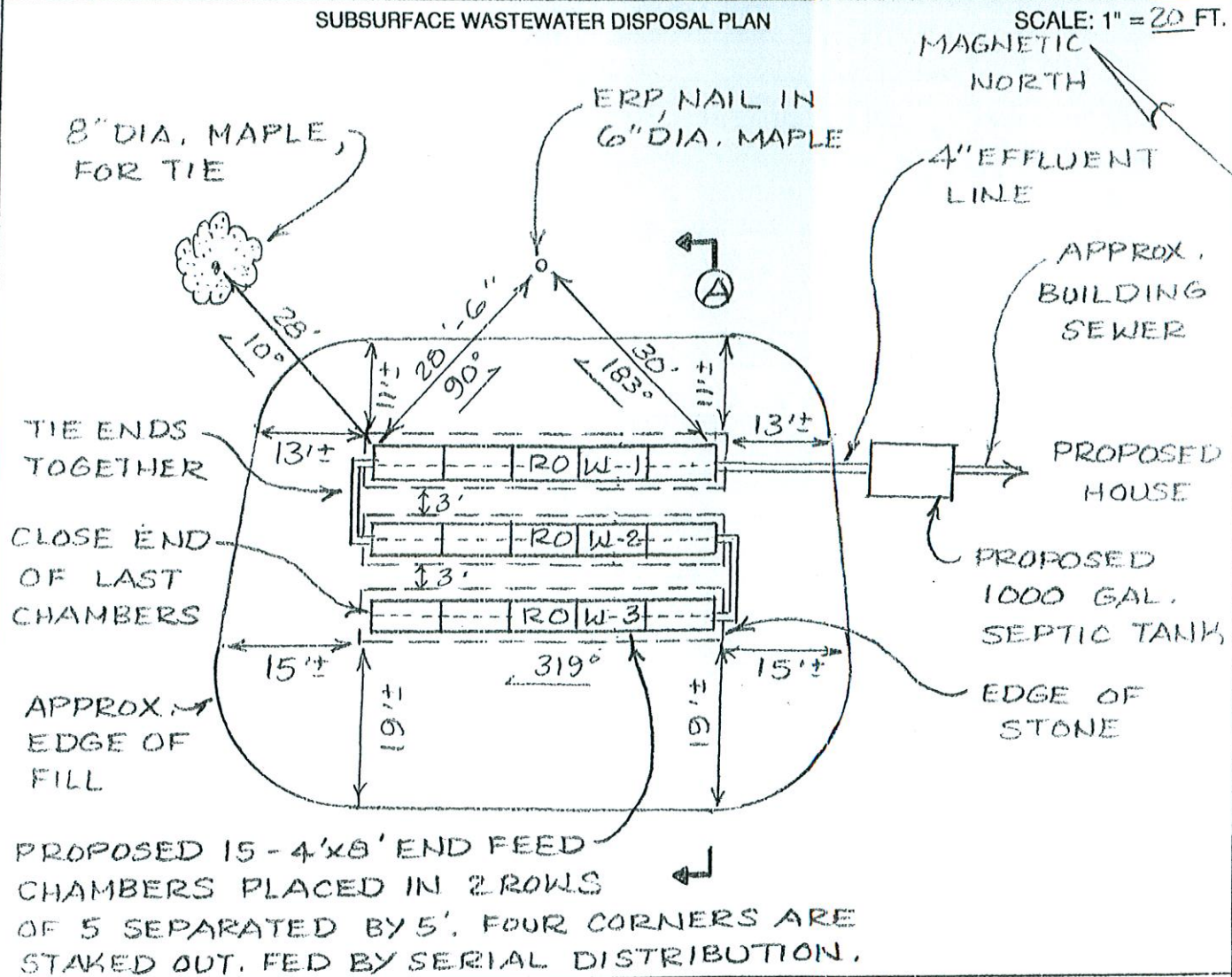
Street, Road, Subdivision

RILEYS WAY

Owner or Applicant Name

STEWART WORKMAN

## SUBSURFACE WASTEWATER DISPOSAL PLAN



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT	
Depth of Backfill (Upslope)	30"	Finished Grade Elevation		(See		Location & Description	NAIL 28'
Depth of Backfill (Downslope)	37"	Top of Distribution Pipe or Proprietary Device	attached	N/A		ABOVE GROUND IN	6" DIA.
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	X-sec.)			MAPLE,	
						Reference Elevation is:	0"

### DISPOSAL AREA CROSS SECTION ( SEE ATTACHED CROSS SECTION )

#### NOTES:

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPs" (IDEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation, frost wall or columns must be 20' minimum from stone around chambers and slab on grade must be 15' minimum from stone around chambers.

W. O. 3  
Site Evaluator's Signature

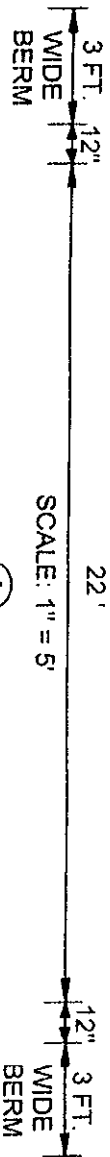
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# DISPOSAL AREA CROSS SECTION SLOPE 6 %

NOTE:  
GRADE UPSLOPE TO DIVERT  
SURFACE WATER AWAY FROM  
SYSTEM, ALSO DOWN SLOPE.



FILL MATERIAL SHALL BE 8"-12" THICK  
OVER CHAMBERS AND SHALL BE GRAVELLY  
COARSE SAND TO THE STANDARDS IN  
SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM  
SOIL MIX TO ESTABLISH A GOOD  
VEGETATIVE COVER; SEED  
AND MULCH TO PREVENT EROSION,  
SEC. 11-G.

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F  
RECOMMENDED OVER STONE AND CHAMBERS  
FILL EXTENSIONS  
NO GREATER THAN 4:1,  
(25% SLOPE).

REMOVE VEGETATION AND SCARIFY  
ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B.

BOTTOM OF CHAMBERS MUST BE  
LEVEL WITH MAXIMUM GRADE  
TOLERANCE OF 2" PER 100'.

EXISTING GRADE  
LIMITING FACTOR  
12" CLEAN STONE,  
(3/4" - 2 1/2" DIA.),  
UNIFORM SIZE.

THOROUGHLY MIX, DISK OR ROTO-TILL  
CLEAN, COARSE, SHARP SAND INTO  
TOP 6 INCHES OF ORIGINAL SOIL TO  
CREATE A TRANSITION ZONE, SEC. 11-B.

ELEVATIONS:  
ELEV. REF. PT. (ERP): 0"

FINISHED GRADE:	ROW 1	ROW 2	ROW 3
TOP OF CHAMBERS:	(CROWN 23")	(-31 1/2" MIN.)	(-39" MIN.)
BOTTOM OF CHAMBERS:	-35"	-41"	-47"
	-48"	-54"	-60"

OWNER: STEWART WORKMAN  
LOCATION: LAMONE

NOTE:  
SYSTEM MUST BE INSTALLED ACCORDING  
TO THE RULES AND PRACTICES SET FORTH  
IN THE MOST CURRENT VERSION OF THE  
STATE OF MAINE SUBSURFACE WASTEWATER  
DISPOSAL RULES. INSTALLATION CONTRACTOR  
MUST BE FAMILIAR WITH SAID RULES AND  
CONSTRUCT SYSTEM IN FULL COMPLIANCE  
WITH SECTION 11 OF SAID RULES.

DOC 17 WILLIAM A. LABELLE, JR.

S.E.#

DATE

WACB

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4-28-17